

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051012

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G09G3/34

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| X          | US 6 504 524 B1 (ALBERT JONATHAN D ET AL)<br>7 January 2003 (2003-01-07)   | 1,2,6                 |
| Y          | abstract<br>column 1, line 7 - line 9<br>column 1, line 36 - column 2, line 63<br>column 6, line 55 - line 61<br>column 9, line 12 - line 47<br>column 12, line 57 - column 16, line 27;<br>figures 1-3f<br>column 17, line 64 - line 66<br>column 20, line 3 - line 21<br>column 20, line 59 - column 21, line 5<br>column 22, line 8 - line 10<br><br>-----<br>-/- | 3-5                   |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

12 November 2004

Date of mailing of the international search report

01/12/2004

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |                       |
|--|---|-----------------------|
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
| Y  | US 2002/196207 A1 (MACHIDA YOSHINORI ET AL) 26 December 2002 (2002-12-26)<br>abstract<br>paragraphs '0017! - '0027!, '0031!, '0040!<br>paragraph '0105!; figure 9<br>paragraphs '0192! - '0195!; figure 23  | 3,4                   |
| Y  | US 4 041 481 A (SATO TERUO) 9 August 1977 (1977-08-09)<br>abstract<br>column 1, line 27 - line 53<br>column 2, line 48 - column 3, line 5<br>column 4, line 37 - line 41; figures 1,2<br>column 5, line 33 - column 6, line 19; figures 4-6a<br>column 7, line 9 - line 49; figures 7a-7i   | 5                     |
| A  | WO 03/044765 A (E INK CORP) 30 May 2003 (2003-05-30)<br>abstract<br>page 1, line 6 - line 8<br>page 1, line 26 - line 29<br>page 2, line 25 - line 26<br>page 3, line 27 - line 30<br>page 7, line 13 - line 31<br>page 13, line 15 - line 25<br>page 19, line 16 - line 19<br>page 22, line 11 - page 23, line 25; figure 1<br>page 26, line 9 - line 14<br>page 35, line 30 - page 36, line 3<br>page 43, line 29 - page 45, line 18; figures 8-10<br>page 59, line 27 - page 60, line 15 | 1,2,7                 |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051012

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|----|---------------------|----------------------------|---------------------|
| US 6504524                                | B1 | 07-01-2003          | US 2003137521 A1           | 24-07-2003          |
|   |    |                     | US 6531997 B1              | 11-03-2003          |
| US 2002196207                             | A1 | 26-12-2002          | JP 2003005227 A            | 08-01-2003          |
| US 4041481                                | A  | 09-08-1977          | JP 973865 C                | 19-10-1979          |
|   |    |                     | JP 51041993 A              | 08-04-1976          |
|   |    |                     | JP 54006360 B              | 27-03-1979          |
|   |    |                     | JP 946920 C                | 30-03-1979          |
|   |    |                     | JP 51041995 A              | 08-04-1976          |
|   |    |                     | JP 53027152 B              | 07-08-1978          |
| WO 03044765                               | A  | 30-05-2003          | EP 1446791 A2              | 18-08-2004          |
|   |    |                     | WO 03044765 A2             | 30-05-2003          |
|   |    |                     | US 2003137521 A1           | 24-07-2003          |